



The ILLINOIS ENGINEER

ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS

INCORPORATED

Affiliated with the National Society of Professional Engineers

CHAMPAIGN, ILLINOIS



VOLUME XXVII, NO. 6

SUMMER ISSUE

JUNE, 1951

SUMMER ISSUES OF THE ILLINOIS ENGINEER

As has been customary for the past several years, during the four months of June, July, August and September the ILLINOIS ENGINEER will be published as a "self cover" magazine. The reason for this has been the need to keep the total annual cost of the magazine within the amount allotted to it in the Society's budget or in other words to keep the cost within the amount that the Society could afford to spend for its publication. On the other hand, however, it has been desirable to give the membership a paper offering the maximum possible service under the circumstances and one which was at the same time pleasant to handle and read. It has been the duty of the Editor to attempt to keep within these limits, that is, to get as much as possible for the money available. This policy of publishing a "self cover" magazine during the summer months is more than ever a necessity this year due to the restricted budget under which the Society is forced to function during 1951. The magazine will still be printed on the good quality, easy to read paper used during the rest of the year and every effort will be made to provide the membership with all the essential news of the engineering profession.

Editor, ILLINOIS ENGINEER

HONORARY JUNIOR MEMBERSHIP AWARDS

On June 7, 1951, Champaign County Chapter awarded Honorary Junior Membership to Carl Gene Blanyer and Wayne Everett Hartman, June graduates from the University of Illinois, in Electrical Engineering and in Agricultural Engineering, respectively. These awards are made annually to two outstanding graduates of the College of Engineering.

The 1951 Award Committee consisted of W. A. Oliver, Chairman, H. H. Jordan and A. R. Knight.

Dear Russell E. Gibbs' Bradley University Junior Honorary Committee has made the award to two mechanical engineers, Joseph V. Bussone, Roanoke, Illinois, and Robert H. Smith, Morton, Illinois.

For notice of awards given by Chicago Chapter, see Chicago Chapter News.

COST OF LIVING INDEX

The correction factor to be applied to the I.S.P.E. Schedule of Minimum Fees and Salaries was 184.5 for April, 1951. The factor is based upon the U. S. Department of Labor's most recent Consumer Price Index.

MEETING OF BOARD OF DIRECTION— SPRINGFIELD, MAY 19, 1951

The I.S.P.E. Board of Direction held its usual well attended and interesting spring meeting in Springfield on Saturday, May 19th. In spite of the playing of bands and the roar of artillery (Armed Forces Day) the Board attended strictly to Society business from 10:00 a.m. until 6:00 p.m.

This notice of the meeting will attempt to cover only two or three of the more important matters discussed at Springfield. A copy of the detailed report may be obtained by addressing a request to Society Headquarters, Urbana.

Among the more important matters discussed was the Unification of the Engineering Profession. The Representatives, in most instances expressing the majority view of their Chapter and, in any case, expressing what they considered to be the general feeling of their Chapter membership, with one exception, favored Plan D, the N.S.P.E. Plan. The one exception favored Plan C, the modified N.S.P.E. Plan. From the results of the roll call report of the Chapter representatives, the National Director will attend the Annual Meeting of the N.S.P.E. in June well instructed with regard to society opinion concerning the proper approach to professional unity.

The National Director was, also, instructed by the Board to propose by resolution to the N.S.P.E. that the registration requirement for membership in the National Society be eliminated. It was reasoned that this would be a step which would facilitate unification.

Important proposed changes in the Society constitution were presented by Mr. J. H. Morgan, Chairman of the Committee on Constitutional Amendments. As required by the constitution, these will be presented to the general membership by letter ballot for acceptance or rejection.

There is one point connected with the meeting of the Board that should be given special notice. Secretary H. E. Babbitt was unable to be present because of illness. As far as the writer knows this is the first time in over a quarter of a century of service to the Society that he has missed a meeting of the Board for this reason. His many friends missed him.

The results of the referendum to the Chapters on the

SUBSCRIPTION RATES

\$2.00 per year in advance to members of the Illinois Society of Professional Engineers. \$4.00 per year in advance to non-members in U.S.A. and its possessions, Canada, and Mexico. Foreign \$6.00. Single copies 40c. Published by the Illinois Society of Professional Engineers, Inc., at 631 East Green Street, Champaign, Illinois.
Entered as Second Class Matter April 27, 1949, at the Post Office, Champaign, Illinois.

change in date of the Annual Meeting placed that meeting on the first weekend of April, 1952.

VOX SECRETARII

Assistant Secretary, P. E. Roberts

Recruiting Engineering Students

With the drop in enrollment among freshmen entering colleges of engineering in the Fall of 1950, there has been activity not only in Illinois but also throughout the United States in finding ways and means to attract qualified high school graduates to engineering as a vocation. N.S.P.E. has produced a fine brochure which has been and is being used in Illinois as a part of the program.

At least two Chapters have put on special programs to help the young man make his decision by giving him a story about the engineer and the work of an engineer. Each meeting was exceptionally well planned and successfully conducted but the approach to the problem was entirely different.

Central Illinois at Decatur held a "Boys Night" program in April. The boys were guests of the Chapter, hearing a talk by Professor Harold L. Walker, N.S.P.E., Head of the Department of Mining and Metallurgy, University of Illinois. The Rockford Chapter held a special program at which the story was told to area high school vocational guidance advisors. This program, too, was well conducted and received much favorable comment.

In studying these two approaches to the problem as to how best present the story to both the advisor and the student, it would seem that two programs by each Chapter is advisable. A Spring program to acquaint vocational advisors with the problem with a discussion period to put both the advisor and the engineer on common ground, and a Fall meeting to tell the story to all interested high school boys as far down the line as the Sophomore year.

The questions from the two groups are so different that if two meetings can be held, both the Chapter and the prospective engineer will be helped. For instance, at the present time there is a move toward giving more mathematics in high school and increasing the entrance requirements for freshman engineers. This question for discussion would be excellent for the advisor group but would be of little interest to the high school student—he wants the dramatic story of engineering, not the number of hours of study he must put in to reach his goal.

The present shortage of engineers may disappear temporarily in case the United States should return to a peace basis suddenly, but the shortage of young men in the profession will be felt in about four years unless many more high school graduates are encouraged to enter colleges of engineering.

Dues Payments

Postal regulations make it necessary to remove the names of all those who have not paid their 1951 dues by July 1st. If you belong to the small minority who

have overlooked sending in your 1951 dues, please send your check today so that your name will not have to be "pulled" from the mailing list.

Miscellany

Have you done your "professional good deed" by personally securing one application? As John Askren says, "Get Two, and then get another . . ."

ROCKFORD CHAPTER AIDS CAREER PLANS OF YOUNG STUDENTS

Rockford chapter of the Illinois Society of Professional Engineers Friday, April 20, 1951, inaugurated a program of guidance and counseling for young students who eventually plan to enter one of the many fields of engineering.

Meeting at 7:30 p.m. in the American room of the Lafayette hotel, the engineers conferred with representatives of local industry and teachers from East and West high school in Rockford and Freeport high school.

Henry Riedesel is chairman of the local chapter's committee on counseling of young students desiring to enter engineering work. Attending the meeting from East high school was Hazel Cole, senior counselor; West high school, Dorothy Knill, senior counselor, and Myrtle Nelson, junior counselor; Freeport high school, Fern Kummeyer, mathematics and junior guidance; Reuben Baumgartner, mathematics and senior guidance; and Howard Roem, Freeport vocational education.

Attending from Rockford industry were Royce Johnson, Barber-Coleman Company; Donald Frost, Mattison Machine Works; Sheldon Coxhead, Central Illinois Electric and Gas Company; and Rector Egeland, Illinois Bell Telephone Company.

CAPITAL CHAPTER FETES LEGISLATORS

At a dinner attended by 126 men, Capital Chapter entertained ten members of the Illinois State Legislature in the Ball Room of the Abraham Lincoln Hotel, May 1, 1951, together with officers and members from six other Chapters, officers of I.S.P.E. and several other guests from the Springfield area.

Following a general get-together at the cocktail hour and dinner, an impromptu entertainment was offered by members and guests, under the able guidance of Capital Chapter's "Em-Cee" C. W. Klassen, Chief State Sanitary Engineer. Highlight of the entertainment was a trombone duet by Chapter President "Verne" Hudson and Representative "Bill" Horsely. All guests were introduced with lots of "ribbing" back-and-forth with the "Em-Cee."

Short talks were made by Professor H. E. Babbitt and Representative C. K. Willett. I.S.P.E. President Virgil Gunlock closed the meeting with a few very appropriate remarks, calling for the Engineers and Legislators to work together, so that Engineer's efforts, in their work with natural forces can be directed toward beneficial and constructive ends.

Many favorable comments have been heard concerning the success of this meeting with the state legislators and Capital Chapter is to be congratulated upon the conception of the idea and for carrying it through to a successful conclusion.

NOTICE OF DEATH

The Society notes with regret the death of Mr. Frederick C. Stuart of Joliet, Illinois. Mr. Stuart has been a member of I.S.P.E. since 1946.

NEW MEMBERS FOR MAY, 1951

National

- Ralph J. Altemus, 1533 McKinley Rd., Lake Forest, Illinois (Lake County Chapter)
 Chester A. Arents, Ill. Institute of Tech., 330 Federal Street, Chicago 16, Illinois (Chicago Chapter)
 George H. Baker, Washington Park Garden, R.R. 6, Springfield, Illinois (Capital Chapter)
 Frank N. Barker, Island Bay Lane, Springfield, Illinois (Capital Chapter)
 Charles L. Dees, No. Range Street, Oblong, Illinois (Ambrow Chapter)
 Ovid W. Eshbach, 201 Kenilworth Avenue, Kenilworth, Illinois (Chicago Chapter)
 Charles E. Evans, R.R. 2, Naperville, Illinois (Chicago Chapter)
 Ralph T. Leslie, 1214 W. Monroe Street, Springfield, Illinois (Capital Chapter)
 David S. H. Louie, 105 N. Dearborn, Chicago, Illinois (Chicago Chapter)
 Charles H. Merchant, 805 E. Miller Street, Springfield, Illinois (Capital Chapter)
 Robert M. Mundelius, 1209 Dechman Avenue, Peoria, Illinois (Peoriarea Chapter)
 Rex V. Woodward, 310 So. 18th Street, Mt. Vernon, Illinois (Egyptian Chapter)
 Dale K. Zimmer, 1103 So. 21st Street, Decatur, Illinois (Central Illinois Chapter)

E-I-T

- Thomas H. Norris, 321 E. Main Street, Ottawa, Illinois (Illinois Valley Chapter)

Honorary Juniors

- Carl G. Blanyer, 602 S. Fifth, Champaign, Illinois (Champaign County Chapter)
 Joseph V. Bussone, Roanoke, Illinois (Peoriarea Chapter)
 Alfred G. Down, 1926 Dayton Street, Chicago 14, Illinois (Chicago Chapter)
 Wayne E. Hartman, R.R. Strawn, Illinois (Champaign County Chapter)
 James J. Lang, 1934 So. 55 Ct., Cicero, Illinois (Chicago Chapter)
 D. Bruce Robinson, Jr., 5434 N. Kenmore Avenue, Chicago 40, Illinois (Chicago Chapter)
 John W. Scannell, 4522 Greenview, Chicago, Illinois (Chicago Chapter)
 Robert H. Smith, 108 Van Buren, Morton, Illinois (Peoriarea Chapter)

Affiliate

- Ray L. Dickerson, 1724 Post Avenue, Rockford, Illinois (Rockford Chapter)
 John H. Jamison, 1219 Greenwood Avenue, Rockford, Illinois (Rockford Chapter)

Success lies, not in achieving what you aim at, but in aiming at what you ought to achieve, and pressing forward, sure of achievement here, or if not here, hereafter.

—R. F. Horton

NEW ACTING MANAGER, E.S.P.S., CHICAGO



MR. B. H. ALLEN, MEMBER N.S.P.E.

The Chicago Advisory Committee of the Engineering Societies Personnel Service, Inc., announce the appointment of Bonnell H. Allen, P.E., to the position of Acting Manager of the Chicago Regional Office, at 84 E. Randolph St. The Engineering Societies Personnel Service, Inc., is the employment service for engineers and technical personnel which was founded in 1918 and sponsored by The American Society of Civil Engineers, The American Society of Mechanical Engineers, The American Institute of Electrical Engineers, The American Institute of Mining and Metallurgical Engineers, The Society of Naval Architects and Marine Engineers, The Western Society of Engineers, and The Illinois Society of Professional Engineers. The service is commonly known as the clearing house for engineering personnel and engineering positions and its services are available to non-members as well as members, both employee and employer.

Mr. Allen has been Assistant to the Chicago Regional Manager of E.S.P.S. for more than a year prior to that, in the personnel and industrial relations field for many years, where he is nationally known for his work as a Consultant. He is a Professional Engineer, registered in the State of Illinois. The combination of engineering and personnel background will enable him to understand the problems of engineers, employees, and employers. Mr. Allen is a member of The Industrial Relations Association of Chicago, the National and Illinois Societies of Professional Engineers, The American Society of Training Directors, and the Illinois Training Directors Association.

We always admire the other fellow more after we have tried to do his job.

—T.E.C. News

Illinois Society of Professional Engineers

Affiliated with the National Society of Professional Engineers

Monthly Meeting—May 1, 1951

Kenneth M. Morse, Chairman Committee on Radiological Defense, Chicago Civil Defense Corps, was the speaker at our regular meeting held at the Electric Club. A very interesting discussion was presented by Mr. Morse and, all engineers should be concerned because of the necessity for providing for a Civil Defense Organization that could immediately function in case of any rapid deterioration of the world situation.

Radiological Monitor problem is one which would well utilize the scientific professional man power in the Chicago area.

At the present time the membership of the Professional Engineer Technical Societies are being circularized in cooperation with the Chicago Technical Council to obtain 1,400 volunteers to undertake radiological monitor training. Anyone who has not been reached may volunteer by writing to Kenneth M. Morse, 1800 West Fillmore Street, Chicago, 12.

Public Interest

At the request of the President of the Civil Service Commission of the State of Illinois, President George DeMent recommended seven engineers from Chicago to act as examiners for a position in the State. Six of these men performed as examiners in an oral examination. This is good public service and is further evidence that I.S.P.E. is being recognized as an important spokesman for the engineering profession.

The Illinois Division of Highways has recently undergone some changes in their departments. One of the changes consisted of establishing a Bureau of Traffic Control, and is headed by Harry H. Harrison at Springfield. This department was formally a section of the Bureau of Maintenance. The Bureau of Traffic Control now handles the Traffic Control Section, the Safety Responsibility Section and the Permit Section, which issues permits for overweight and overlength vehicles and additional access to State highways.

The establishing of this new bureau now makes Russell Newell a District Bureau Chief in the District 10, Chicago office. He has been for the past eight years operating as District Engineer of the Traffic Control Section.

The Editor's Angle

Mr. Fred A. Kirchner, has received acknowledgment of his membership letter to Mr. Louis W. Hawkins, Apt. 12, 712 Cedar Street, San Diego, California. Mr. Hawkins stated that he has been in California for about one year and working in San Diego since September. Engineers are much in demand in the West according to Mr. Hawkins, but pay is low, and rent, clothing, food and automobiles very high. He thinks I.S.P.E. is the answer

to this problem and hopes we can get more engineers to join for their own good.

Fred Kirchner is a team captain on the membership committee and has furnished, by submitting the letter to the editor, an idea for some interesting news from members and prospective members.

Meeting Notice—September 4th, 1951

W. O. Swinyard, Chief Engineer, Hazeltine Research incorporated will give his talk on color television at the first fall meeting. There will be no regular chapter meetings in July and August.

Membership Campaign

Our membership campaign is about ready to shift into high gear. Thus far we have spent most of our effort to overcome inertia. We have obtained seven new members since January 1 and there are at least two applications before the Board for consideration.

Your committee is aware of the fact that appreciable gains cannot be produced by one person or by a small group of men. It was because of this knowledge that we evolved the plan that "every member get a member." By this time each member should have been contacted by their team captain. We trust that each member will enthusiastically enter into the spirit of this plan and cooperate with your team captain.

We believe that Chicago Chapter of I.S.P.E. will mean more to every member that helps build our membership. We also believe that I.S.P.E. will be able to do more for its members if our members increase.

Honorary Junior Membership Award

The Chicago Chapter has elected the following members for Honorary Junior Membership Award for the year 1951.

Alfred George Downs—Northwestern University

Donald Bruce Robinson, Jr.—Northwestern University

James John Lang—Illinois Institute of Technology

John Williams Scannell—Illinois Institute of Technology

This award includes payment of the first year's dues by the Chapter. We want to congratulate these boys on the occasion of their election for this honor.

"When the president of a university confers a degree it is customary for him to close with the words ' . . . I grant you the degrees of . . . with all the rights and privileges pertaining thereto.' What are those rights and privileges? They are merely the privilege of accepting a job and the right to put into it all the energy, hard work, and diligence that you possess."

—G. F. Nordenholt, *Editor of Product Engineering*

IN THE STATE LEGISLATURE

The following is an up to May 18th summary of the bills in the 67th General Assembly which were listed in the April ILLINOIS ENGINEER.

H.B. 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 21, 37, 38, 53, 66, 73. No change from that reported in April.

H.B. 198. Employment of an Engineer to make Cost Studies in Counties. May 10—Passed.

H.B. 213. City Manager Bill. May 7—Passed; May 8—Senate; May 9—first reading—Committee on Elections.

H.B. 221. Barbers Bill. Referred to sub-committee.

H.B. 311. Civil Defense. May 9—third reading. Further consideration postponed.

H.B. 392. Removes "Grandfather" clause from P. E. Act. April 18—passed; April 18—Senate; April 19—first reading—Committee on Judiciary.

H.B. 665. Plumbers Act. May 8—first reading. Is being amended on second reading to exempt Professional Engineers from Act.

H.B. 704. Commission to study legislation for plumbers. May 9—Recommended Do Pass. May 15—Ordered to third reading.

H.B. 958. Adds sections 28a to the Illinois Professional Engi-

neering Act giving the Director of Department of Registration and Education authority to apply for an injunction against engineers practicing without certificate of Registration. Makes violation of any injunction issued contempt of court.

S.B. 1, 76, 106, 148. No change.

S.B. 37. Crab Orchard Commission. April 17—Passed; April 18—House.

S.B. 67. F.E.P.C. Bill. April 18—Recommended Do Not Pass. Tabled. Notice of motion to non-concur in committee report; April 19—Motion made; April 24—Motion Lost.

S.B. 95. Creating Sanitary Districts. April 5—Stricken from calendar.

S.B. 107. Township waterworks and for sewage works. May 2—second reading.

S.B. 120. Motor Vehicle Laws Commission. April 17—Passed; April 18—House; April 30—first reading. Committee on Appropriations.

S.B. 128. Natural gas storage. April 25—Passed; April 30—House; May 1—first reading. Committee on Public Utilities, etc.

S.B. 147. Government Economy Commission. April 16—second reading.

S.B. 158. Permit levy for maps and plots. April 25—Do Pass; April 30—first reading; May 1—second reading.

News From Chapters

Rockford Chapter

The April meeting of the Rockford Chapter, I.S.P.E. was held at the Lafayette Hotel on Friday night, April 20, 1951 with 52 members and guests present. The meeting was called to order by President Debes at 7:45 p.m.

Since it had been announced that the entire program would be devoted to the problem of Young Engineers Counseling and special invitations had gone out to the Student Counselors in the high schools of the territory and several industrial leaders, we had a large number of visitors. Notable among these were Miss Hazel Koch, Senior Counselor, East High School, Rockford; Miss Dorothy Knill, Senior Counselor and Miss Myrtle Nelson, Junior Counselor, West High School, Rockford; Miss Fern Kuhlmeier, Senior Counselor, Mr. Ruben Baumgardner and Mr. Howard Rowan of the Freeport High School. Industry was represented by Mr. Royce Johnson, Barber Coleman Co.; Mr. Donald Frost, Mattison Machine Co.; Mr. Sheldon Coxhead and Mr. Bob Stringer, Central Illinois Electric & Gas Co; and Mr. Rector Eglund, Illinois Bell Telephone Co.

Minutes of the March 28 meeting were read and approved. The treasurer's report was approved as read.

Mr. Warner Johnson announced that he had been requested by the Rock River Chapter to extend an invitation to the members of the Rockford Chapter and their wives and sweethearts to attend their Ladies Nite Meeting at Dixon on May 4, at 6:30 p.m. Anyone wishing to attend should contact Mr. Ferger for reservations as soon as possible.

Committee reports on legislative analyzing by Mr. Ades, membership by Mr. Henning, public interest by Mr. Galvanoni, publicity by Mr. Henning, program by Mr. Duguid and ethics and practice by Mr. Lundgren were made. Mr. Duguid reported that the next meeting

would be held in the Persian Room of the Lafayette Hotel on Tuesday evening, May 15. He further reported that the program committee was giving consideration to the possibility of holding a stag at either Forest Hills or Mauh-Nah-Tee-See Country Club sometime in the near future.

Mr. Warner Johnson gave a brief report on the recent Chapter Presidents, Secretaries and Membership Chairmen Conference held at the Hotel Jefferson, Peoria, Illinois on April 14. Since he had prepared a very comprehensive report for the officers of the Chapter, he did not go into detail at the meeting.

The question of changing the time of the Annual State Meeting was discussed. After considerable discussion from the floor, it was moved by Mr. Wm. Howard, seconded by Mr. Shappert, that the Rockford Chapter go on record as favoring the holding of the Annual State Meeting in January or February as in the past. Motion carried.

A motion was made by Mr. Laswell, seconded by Mr. Lundgren, that the president be presented with an embossed gavel and that all future presidents be presented with an embossed gavel. During the discussion it was moved by Mr. Johnson, seconded by Mr. Haines, that as a symbol of the engineering profession, the gavel be in the form of a machinists hammer. Motion carried. Mr. Howard Rowan, Vocational Education Instructor, Freeport High School, offered to make the gavel if the Chapter would supply him with a design.

The meeting was then opened up to a discussion of the problem of counseling young engineers or rather assisting high school students in selecting a career. President Debes gave a brief talk on our aims and purposes, pointing out that this was a new undertaking and that we had no set plan to follow. The meeting was then

turned over to John Duguid, program chairman, who in turn introduced Mr. Riedesel, Young Engineers Counselor. Mr. Riedesel stated that our main problem was to determine how we could assist those in education to better counsel their students, who are interested in engineering careers. A lively discussion followed with many very good ideas being advanced.

It was pointed out that while the high schools are being flooded with literature from the various colleges and engineering societies, there is a very definite need on the part of the student for a personal conference with individual engineers. The counselors liked the idea of having a committee of engineers available for talks with students either individually or before a group. Several meetings might be arranged among the various schools in the area. It was suggested that we supply the student counselors with a list of engineers available for such talks.

The group was cautioned against trying to sell a certain phase of engineering. Our duty would be, and for that matter, the duty of the student counselor, is to assist and counsel, but not to direct or advise. The final decision as to the career to follow must come from the individual student.

It was suggested by Miss Koch, East High School, that where possible it might be interesting for students to spend some time with engineers in their work. In many instances this met with approval. Mr. Frost, Mattison Machine Co., offered to entertain visitors at their plant or he would furnish speakers for groups at school. He went on to explain the graduate student training courses offered by many companies in the Electrical Industry.

To close the meeting, Mr. Riedesel gave a short summarization pointing out that our group was very flexible and would attempt to serve in every possible way, but that we want to act as counselors and not advisors.

A motion was made by Mr. Galvanoni, seconded by Mr. Riedesel, that we go on record as extending a vote of thanks to the student counselors that attended the meeting for the many fine suggestions made. Carried.

Following adjournment of the meeting a Smorgasbord was served.

Respectfully submitted,
 LYLE B. PORTER, *Secretary*

Lake County Chapter

The Lake County Chapter of the I.S.P.E. held its monthly meeting April 18, 1951 at the Swedish Glee Club, Waukegan, with 56 members and guests present.

Meeting was called to order by President Calkins at 8:10 p.m. S. A. Simonson served as secretary in the absence of R. G. Kramer and read the minutes of the March meeting, which were approved.

Membership Chairman Anderson reported he had for distribution to the members, a list of registered Engineers in Lake County who were not members and asked that they make use of this list in getting new members.

Legislative Analyst Committee Chairman Bleck reported receiving copies of all bills before the Legislature concerning Engineers.

Civil Defense Committee Chairman F. Kramer said he planned to call his committee together and would report at the next meeting.

Mr. Hooper reported on the Building Code activity saying he had contacted the Housing Authority, City Planning Commission, Contractors Association and Architects and have found no opposition to the the adoption of the new Code, recommended by our Chapter.

Chapter Representative Simonson said the next Board of Directors Meeting would be held May 19th.

The matter of increased dues was brought up by President Calkins who said the only recommendation the State Society had in this matter was that the dues did not exceed \$3.00 per year. A motion to amend our Bylaws, increasing the dues to \$3.00 per year, effective July 1, 1951, was made by L. Koetz, seconded by W. Cocker and passed. Secretary was instructed to notify State Society.

Letter from American Red Cross asking for donation was read and placed on file on motion made by S. Danoff and seconded by H. Dixon.

President Calkins gave a short report on the meeting of the Chapter officers he attended at Peoria. He told of the revised membership blanks with complete data on membership drives now being sent to Membership Chairmen. The question of members talking to high school seniors interested in Engineering was discussed and President Calkins said he would talk to the students at Lake Forest High School and Chapter Counselor David Miller said he would take care of Waukegan High School.

President Calkins also said the State Society would like an opinion from each chapter as to the time of the annual meeting. The first part of May was approved.

President Calkins turned the meeting over to Vice President Drew who introduced the speaker of the evening. Prof. Robt. C. Peterson of the fire protection and safety department of the Illinois Institute of Technology. He gave a very interesting talk on all phases of safety, home industrial, public and stressed the importance of Engineering in Safety work.

Meeting adjourned at 9:56 p.m.

S. A. SIMONSON, *Acting Secretary*

Egyptian Chapter

The Egyptian Chapter held a dinner-business meeting at the Jackson Country Club, near Murphysboro, on the evening of April 10, 1951, with President Perssons presiding.

Members present were Cromeenes, Viterisi, Gates, Kline, Dexheimer, Kerwath, Lee, Ritchie, Burnett, and Perssons. Guests were Carrothers, Wright, Blank, Meacham, Madorin, and Miller.

The minutes of the last meeting were read and accepted. The treasurers report was read, showing a bank

ount \$22.27, Cash \$5.00, bills due \$5.32, net balance .95.

The President delivered a short eulogy of Member B. Wilson, recently deceased.

Publicity Chairman Cromeenes reported good cooperation from newspapers, and requested that percent clippings be sent to him by members from their newspapers.

President Perssons then conducted a discussion of the refresher courses now going on. Several of those present were taking the courses. The consensus of opinion was that the courses are helpful and worth while. In the discussion, it developed that the examinations will be held in Chicago. It was moved by Kerwath, seconded by Viterisi, and unanimously voted, that the State officers be urgently requested to recommend and attempt to secure either a more central location for the examination or a separate downstate examination, to encourage younger engineers, and to avoid undue hardship and expense.

Program Chairman Kerwath stated that our annual picnic will be either the first or second Saturday in August, in conjunction with the Contractors Association.

There was quite a discussion of Chapter finances. The Chapter has depended entirely on the State refund for money. In recent years, floral tributes have been purchased for deceased members, and notices of meetings and publicity are being more widely distributed. As a result, our balance has been slowly decreasing. The recent 50c floral assessment will give temporary relief. It was decided to start discussion of regular chapter dues.

Program Chairman Kerwath and guest Fred Madorin ran off the 45 minute colored sound movie "Trees to Tribunes," showing preparation of news print paper beginning with the trees, and showing the writing, editing, and printing processes of the Chicago Tribune.

J. L. BURNETT, *Secretary-Treasurer*

Joliet Chapter

The regular meeting of the Joliet Engineers' Club was held Tuesday, April 17, 1951 at Little Jack's, with 7 members and 2 guests present.

Following dinner, the meeting was called to order at 8:15 p.m. by President William Gray. Vice President H. Tittsworth served as Secretary and Treasurer.

The Minutes of the March Meeting were read and approved.

The Treasurer's report was read, showing a balance of cash on hand of \$74.76.

President Gray introduced the speaker, V. E. Gunlock, President I.S.P.E. and Commissioner, Department of Subways and Superhighways, City of Chicago, who presented a very interesting talk on the plans and progress of the system of super highways in Chicago. He mentioned in some detail the volume of traffic to be handled and many of the problems encountered.

Meeting adjourned at 9:40 p.m.

F. H. TITTSWORTH, *Acting Secretary*

LEE I. OSBORN

Engineer and Contractor



Heavy Construction

Bridges

Foundations

Docks & Pile Driving

Drainage & Levee Work

Heavy Excavation

Grading & Paving



P. O. BOX NO. 2

MUSCATINE, IOWA

ORNAMENTAL METALWORKS COMPANY

Ornamental Metal

Miscellaneous Iron & Structural Steel

Cast Iron Frames & Covers

Manhole Steps

Pipe Railing

Flag Poles

Weir Plates

Bronze Bolts

Grating & Frames

Stop Plates & Grooves

Steel Doors & Windows

Stainless Steel, Bronze & Aluminum



440 South Franklin Street, Decatur, Illinois

PHONE 5245

PROFESSIONAL DIRECTORY

DE LEUW, CATHER & COMPANY

CONSULTING ENGINEERS

Transportation, Public Transit and Traffic Problems

Industrial Plants

Railroads

Subways

Power Plants

150 North Wacker Drive
Chicago 6, Illinois

Grade Separations

Expressways

Tunnels

Municipal Works

79 McAllister Street
San Francisco 2, Calif.

GREELEY AND HANSEN

ENGINEERS

Water Supply, Water Purification, Sewerage, Sewage
Treatment, Flood Control, Drainage, Refuse Disposal

220 SOUTH STATE STREET
CHICAGO 4, ILL.

ALVORD, BURDICK & HOWSON

CHAS. B. BURDICK

LOUIS R. HOWSON

DONALD H. MAXWELL

Water Works

Water Purification

Flood Relief

Sewerage

Sewage Disposal

Drainage

Appraisals

Power Generation

CIVIC OPERA BLDG.

CHICAGO 6, ILL.

JOHN DOLIO

CONSULTING ENGINEERS

Industrial Plants and Piping

Street Lighting—Electrical Surveys

Air Conditioning—Ventilation

Sewerage—Water Works—Power Plants

208 S. LaSalle Street
Chicago, Illinois

JENKINS, MERCHANT & NANKIVIL

Consulting Engineers

Municipal Improvements

Power Development

Traffic Surveys

Flood Control

Air Ports

805 East Miller Street

Sewerage

Water Systems

Industrial Plants

Recreational Facilities

Investigations and Reports

Springfield, Illinois

CRAWFORD, MURPHY & TILLY

CONSULTING ENGINEERS

Water Works, Sewerage, Airports, Street

Improvements, Traffic Surveys

PHONE: 2-7500

400½ E. ADAMS STREET SPRINGFIELD, ILL.

Second
Edition

3 Examinations
In One Book

NOVEMBER 1948

MAY 1949

DECEMBER 1949

PROFESSIONAL
ENGINEERING
EXAMINATION
REPRINTS

Postpaid \$1.00

USE COUPON

To the ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS

631 East Green Street, Champaign, Illinois

Enclosed is \$....., please send copies of the Second Edition Professional
Engineering Examinations.

NAME.....

ADDRESS.....